

Technical data sheet



Basis: Modified bitumen

Density: 20°C - 1,75 (± 0,05) g/cm³

Thickness: 1,7 (± 0,2) mm

Coverage of adhesive side: Silicone paper

Coverage of the surface: Anti blokade foil PE (to

remove – depends on

application)

Colour: Black (film surface)

Smell: To 80°C minor, charcteristic for bitumen

Consistency: Heavy boards, flexible in 20°C

Characteristic:

MAAD BF 18 is self- adhesive bitumen damping film on the base high-value modified bitumen. Good flexibility in temperature +20C makes that product easy adapts as well to the bump . Bitumen film is self adhesive equipped with strong

glue without solvent (self-adhesive) based on acrylic – copolymers. Adhesive side is protected by covering material, and film side by layer of anti- blockade (PE foil) protecting material during transport or storage in a warehouse

Application:

MAAD BF 18 is used to cover large metal surfaces or on thin sheets of metal, in construction, e.g. facade metal sheet, air shafts, in construction of vehicles, machines and devices exposed to high temperatures.

Do not expose the product directly to the atmospheric influence.

Technical Data

<u>Properties</u>	Result	Test Method
Surface weight	ok. 2,8 kg/m²	-
Tensile Strenght	0,61 N/mm²	-
Hardness acc Shore A	50 - 80° Shore A	-
Max temp.	100°C (min. 1 h)	PM-B 030A
Constant level of heat	80°C (min. 336 h)	PM-B031X
Resistance to cold	-30°C	PM-B014X/B018X
Resistance to heat	no breaks	DIN 53521
Flammability	class B2	DIN 4102 part 1
	combustion velosity =0	DIN 75200 (ISO 3795)
	self – extinguishing after 30 sec	FMVSS 302
Fogging	0 %	DIN 75201-A
Resistance to liquids	water ok. 0,2	DIN 53521

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Weight gain in%:	Engine oil HD (15W - 40) ok. 0,5 Proppelant Diesel partially soluble Proppelant Super partially soluble	
Acoustic data	Loss factor DIN 53440 30,07	DIN 53440
	20°C, 200 Hz, steel 1 mm	
Adhesive	Density: 75 gr/m ²	-
	Teks: 18,04 N/mm	

Treatment:

The surface which will be covered must be dry and clean and free of oil and any other chemical substances. After removing the covering material (silicone paper or foil) Plastodem board should be pressed to the clean and dry surface. In order to achieve the best result of gluing.

Plastodem and surface should heve a 20 - 25 25 °C. Plastodem should be pressed heavy by roller to avoid air bubbles (in space between Plastodem and surface).

Storage:

Frost danger YES, sensitive to breaks

Storage temp. 15-25°C Storage life 12 months

Forms:

Embossed parts or cutted, packed into cartons, palettes, boxes or specialist wooden boxes in the sea transport, stacks about the ceiling of 300 boards .

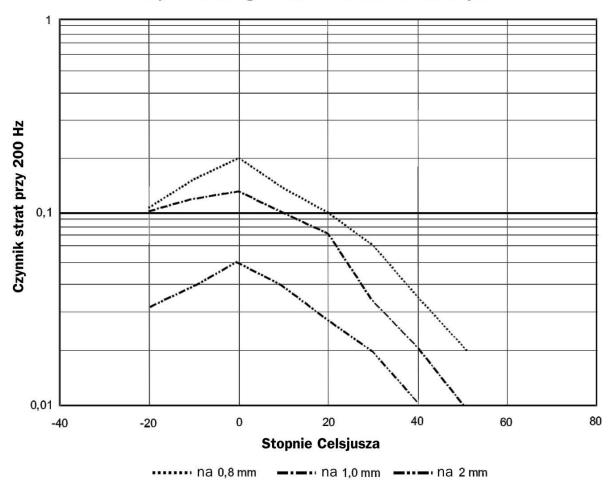
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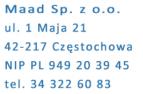




DIN Loss factor according to DIN 53440 for steel plates

Czynnik strat wg DIN 53440 na blachach stalowych





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